Docket No. ___IL-11085___   Customer No. ___24981___

Commissioner for Patents

Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Inventor(s):

John F. Cooper

For (title):   **Detection of Contamination of Municipal Water Distribution Systems**

1. **Type of Application**

    ■   This new application is for an original patent.

    ☐   This new application is a:

      ☐   Division

      ☐   Continuation

      ☐   Continuation-in-part (CIP)

2. **Benefit of Prior U.S. Application(s) (35 USC 120)**

    ☐   The new application being transmitted claims the benefit of prior
         U.S. application(s).

3. ■   **Benefit under 35 U.S.C. 119(e) of United States provisional application(s) listed**
         below: _60/459,750_   _04-01-03_____
                  Application Serial No.   Filing Date

4. **Papers enclosed which are required for filing Date Under 37 CFR 1.53(b).**

    _20_   Pages of specification w/title page

    _7_   Pages of claims

    _1_   Pages of abstract

    _2_   Sheets of drawings

        ■___   formal

5. **Additional papers enclosed**

      ☐   Preliminary Amendment

      ■   Information Disclosure Statement

      ■   Form PTO-1449

6. **Declaration or oath**
   - ■ Enclosed and executed by
     - ■ inventors
     - ☐ legal representative of inventor(s) 37 CFR 1.42 or 1.43
   - ☐ Not Enclosed

7. **Assignment**
   - ■ An assignment of the invention to <u>The Regents of the University of California</u>.
     - ■ is attached
     - ☐ will follow

8. **Certified Copy**
   Certified copy(ies) of application(s)

(country)	(application no.)	(filed)

(country)	(application no.)	(filed)

   from which priority is claimed
   - ☐ is(are) attached.
   - ☐ will follow

9. **Fee Calculation**

CLAIMS AS FILED					
Type of Claim	Number Filed	Included in Basic Fee	Number Extra	Rate	Total Fee
Total Claims	59	-20 =	39	x $18 =	$ 702.00
Independent Claims	3	-3 =	0	x $86 =	$
			Multiple Claims	=	$
			Basic Filing Fee	=	$ 770.00
			Sub-Total	=	$ 1,472.00
			Small Entity Filing Fee =		$ **736.00**

10. Small Entity Statement(s)

☐ Verified Statement that this is a filing by small entity under 37 CFR 1.9 and 1.27 is attached.

■ Small Entity status is proper and desired

        Filing Fee Calculation (50% of regular filing fee) $ 736.00

11. Fee Payment

☐ Not Enclosed

■ Enclosed (See Account No. Below)

        Total Basic Filing Fees To Be Paid $ _____736.00

12. Method of Payment of Fees

☐ Check in the Amount of $ _____

■ Charge Account No. __12-0695__ in the amount of $ **736.00**
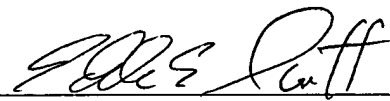
A duplicate of this transmittal is attached.

13. Instructions As To Overpayment/Underpayment

■ credit/charge

    Account No.   **12-0695**

☐ refund

Eddie E. Scott
ATTORNEY
Reg. No.: 25,220

Tel No.: (925) 424-6897
P.O. Box 808, L-703
Livermore, CA 94551

Dated: *March 10, 2004*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : John F. Cooper   Attorney Docket No. : IL-11085

Serial No. :   Art Unit:

Filed :   Examiner:

For : Detection of Contamination of Municipal Water Distribution Systems

Commissioner for Patents
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE

"Express Mail" label number <u>EV283924973US</u>

Date of Deposit <u>March 11, 2004</u>

I hereby certify that the following *attached*

1. Recordation Cover Sheet (original and duplicate) w/Assignment
2. New Application Transmittal (in duplicate)
3. Application
   (Specification w/Title page 20 pages, Claims 7 pages, Abstract 1 page)
   Two (2) sheets of formal drawings;
4. Combined Declaration and Power of Attorney
5. Information Disclosure Statement (1 page)
6. Form PTO-1449 (1 page)
   a) 15 U.S. Patent Documents
   b) 2 Foreign Patent Documents
   c) 4 Other Disclosures
7. Express Mail Certificate
8. Return postcard

is being deposited with the United States Postal Service "Express Mail Post Office to addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<u>Kathy E. Raymond</u>
(Type or print name of person mailing paper)

<u>Kathy E. Raymond</u>
(Signature of person mailing paper or fee)